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STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
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OIL, GAS, AND MINING BOARD

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October 13, 1978

Mr. Thomas W. Bergman  
Mountain Maid, Inc.  
150 West Industrial Way  
Fillmore, Utah 84631

Re: Mountain Maid, Inc.  
Cudahy Mine ACT/027/002 &  
Last Chance Mine ACT/027/004  
Millard County, Utah

Dear Mr. Bergman:

Thank you for the visit of your mine sites on September 12, 1978.

Before tentative approval can be granted the Division would like to make a few recommendations concerning the mining and reclamation plans which you have submitted.

First, we would like to ask if Mountain Maid, Inc. has any information in the plans relating to the location, size, or nature of the deposits which you wish to be held confidential? If so, please indicate exactly what is to be confidential.

Second, you requested a blanket variance from all reclamation under the premise that the operations were previously existing. This can not be done. Mountain Maid, Inc. will be required to comply with all the applicable reclamation standards under Rule M-10. Mountain Maid, Inc. will be held responsible for reclaiming all new disturbances including previous disturbances which are redisturbed and associated access roads, other than county maintained roads. As mentioned during our field inspection, any available overburden capable of supporting vegetation should be removed prior to mining and stockpiled according to Rule M-10 (14). Mountain Maid, Inc. will be required to revegetate the disturbed surface areas upon termination of the operations according to Rule M-10 (12). The Division can suggest seed mixtures or you may consult with another qualified source such as Mr. Bushnell, the local Utah State University Extension Agent, or a Soil Conservation Service representative. However, before we make any seed mixture recommendations we would like some clarification concerning the results of the six (6) soil samples submitted to the Soil Testing Laboratory on September 25, 1978. Where were they taken? Were samples



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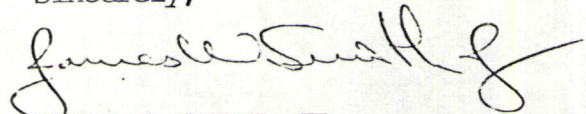
collected at both mine sites? The Division would like soil samples analyzed for both operations.

The Division would also like more detailed maps, as required under Rules M-3 and M-6. This can be accomplished by blowing up the appropriate sections of a U.S.G.S. topographic quad and drawing in the required information. We would also like before and after cross-sections of the hill to be mined at the Cudahy operation. If possible, may we suggest placing the "tailings" material from the perlite operation into the abandoned adjacent pits instead of the proposed downhill location and opening the natural drainage which is currently blocked by the existing pumice stockpile. This may require installation of a culvert under the road.

Please find enclosed additional MR Form 8's for completion and a newly revised edition of the Mined Land Reclamation Act and Rules and Regulations. As soon as we receive the above information we can proceed with the approval process. You may not commence mining until abbreviated versions of Mountain Maid, Inc.'s mining and reclamation plans have been published for a 30 day public comment period and the required reclamation sureties have been approved by the Board and posted with the Division. The Division will estimate these amounts during the aforementioned 30 day waiting period.

If you have any questions please do not hesitate to give us a call.

Sincerely,



JAMES W. SMITH, JR.  
RECLAMATION SOILS SPECIALIST

JWS/sp

enc: Two MR Form 8's  
Mined Land Reclamation Act